

МИНОБРНАУКИ РОССИИ

Федеральное государственное бюджетное образовательное учреждение высшего
образования



НИЖЕГОРОДСКИЙ ГОСУДАРСТВЕННЫЙ ТЕХНИЧЕСКИЙ
УНИВЕРСИТЕТ им. Р.Е.АЛЕКСЕЕВА

Институт радиоэлектроники и информационных технологий

Кафедра информатики и систем управления

Лабораторная работа №3

ОТЧЕТ

По лабораторной работе

по дисциплине

Информатика и компьютерные технологии

РУКОВОДИТЕЛЬ:

_____ Степаненко М.А.

СТУДЕНТ:

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22-ИВТ-2

Работа защищена «__» _____

С оценкой _____



Цель работы: Ознакомиться с системой контроля версий git

Ход работы:

Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. [View existing forks.](#)

Owner * **Repository name ***


 Classes123 / Spring_2023 

By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

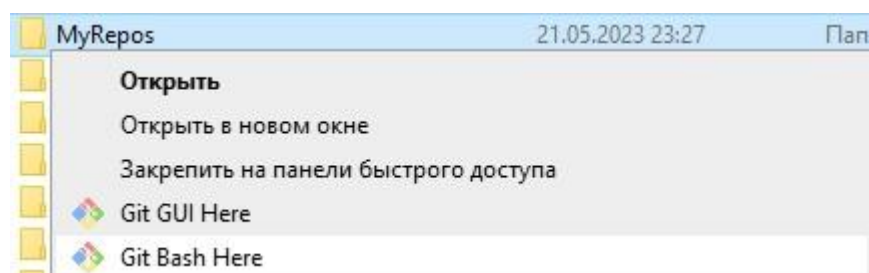
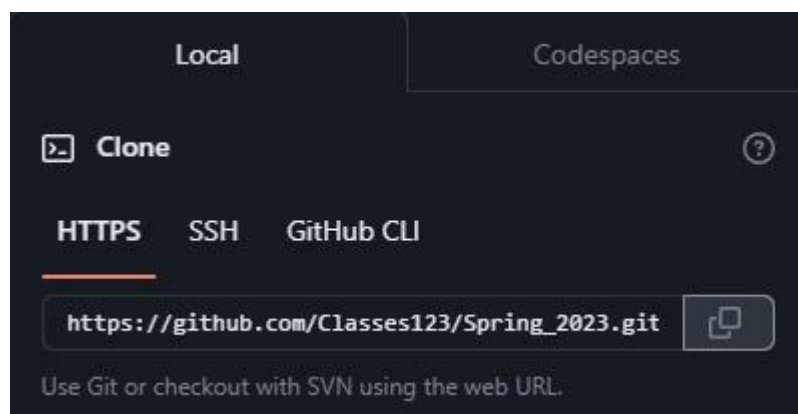
Description (optional)

RepositoryForLaboratoryWorks_Spring_2023

☒ **Copy the** `main` **branch only**
Contribute back to ForLaboratoryWorks/Spring_2023 by adding your own branch. [Learn more.](#)

 You are creating a fork in your personal account.

Create fork



```
artem@DESKTOP-DCOA0T9 MINGW64 /e/Git/MyRepos
$ git clone https://github.com/Classes123/Spring_2023.git
Cloning into 'Spring_2023'...
remote: Enumerating objects: 1017, done.
remote: Counting objects: 100% (228/228), done.
remote: Compressing objects: 100% (165/165), done.
remote: Total 1017 (delta 115), reused 86 (delta 58), pack-reused 789
Receiving objects: 100% (1017/1017), 268.59 MiB | 7.01 MiB/s, done.
Resolving deltas: 100% (233/233), done.
Updating files: 100% (144/144), done.
```

```
artem@DESKTOP-DCOA0T9 MINGW64 /e/Git/MyRepos/Spring_2023 (main)
$ git add Lr1 Lr2 Lr3

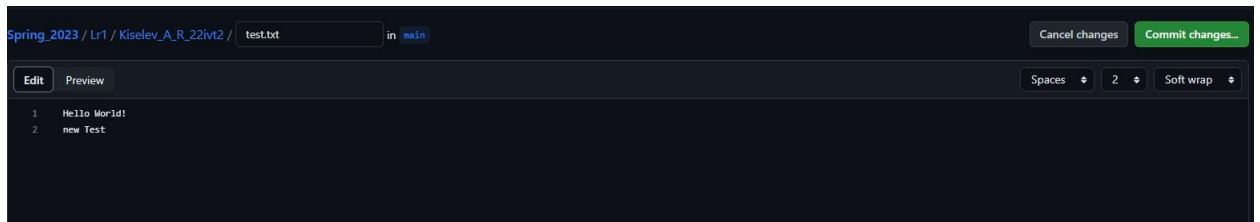
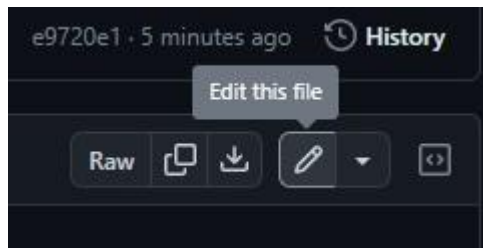
artem@DESKTOP-DCOA0T9 MINGW64 /e/Git/MyRepos/Spring_2023 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Lr1/Kiselev_A_R_22ivt2/test.txt
    new file:   Lr2/Kiselev_A_R_22ivt2/test.txt
    new file:   Lr3/Kiselev_A_R_22ivt2/test.txt
```

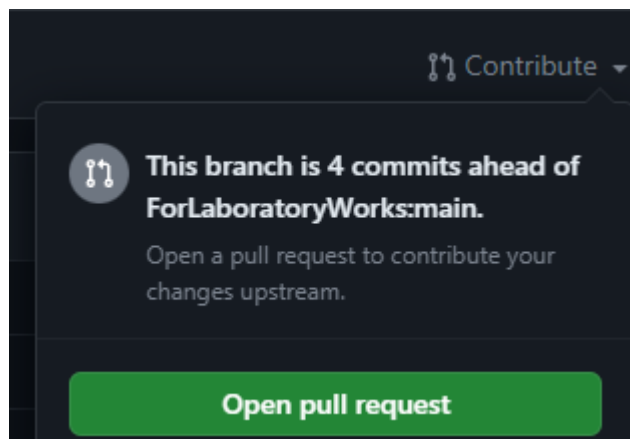
```
artem@DESKTOP-DCOA0T9 MINGW64 /e/Git/MyRepos/Spring_2023 (main)
$ git commit -m "Test commit"
[main 4a4d667] Test commit
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Lr1/Kiselev_A_R_22ivt2/test.txt
 create mode 100644 Lr2/Kiselev_A_R_22ivt2/test.txt
 create mode 100644 Lr3/Kiselev_A_R_22ivt2/test.txt
```

```
artem@DESKTOP-DCOA0T9 MINGW64 /e/Git/MyRepos/Spring_2023 (main)
$ git commit -a -m "New text in test.txt"
[main e9720e1] New text in test.txt
 1 file changed, 1 insertion(+)
```

```
artem@DESKTOP-DCOA0T9 MINGW64 /e/Git/MyRepos/Spring_2023 (main)
$ git push
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (12/12), 978 bytes | 978.00 KiB/s, done.
Total 12 (delta 6), reused 4 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (6/6), completed with 4 local objects.
To https://github.com/Classes123/Spring_2023.git
   d070c47..e9720e1  main -> main
```



```
$ git pull
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (5/5), 797 bytes | 2.00 KiB/s, done.
From https://github.com/Classes123/Spring_2023
   9bf7cdd..5d7bd7a  main       -> origin/main
Updating 9bf7cdd..5d7bd7a
Fast-forward
 Lr1/Kiselev_A_R_22ivt2/second.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 Lr1/Kiselev_A_R_22ivt2/second.txt
```



Вывод: Внесены контролируемые изменения в основной репозиторий.